

Appl. No. 10/052,473
Amdt. dated September 26, 2005
Docket No. NEOME-016A

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-117. (Cancelled)

118. (New) A device for treating glaucoma, said device comprising:

an elongate probe;

a bipolar electrode that is useable to form an opening in the trabecular meshwork such that fluid may drain through said opening into Schlemm's canal; and,

a protector configured to be advanced into Schlemm's canal, said protector being configured and positioned in relation to the bipolar electrode such that the protector will substantially protect cells lining the scleral wall of Schlemm's canal from being substantially damaged by energy that emanates from the bipolar electrode.

119. (New) A device according to Claim 118 wherein the protector comprises a foot plate.

120. (New) A device according to claim 118 wherein the protector is non-parallel to a longitudinal axis of the elongate probe.

121. (New) A device according to Claim 118 wherein the elongate probe comprises a proximal portion and distal portion, the distal portion comprising the protector, said distal portion being non-parallel to the proximal portion.

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122. (New) A device according to claim 118 wherein the probe is substantially L-shaped, having a proximal portion and a distal portion, wherein the distal portion comprises the protector, said distal portion being generally perpendicular to the proximal portion.

123. (New) A device according to Claim 118 further comprising at least one lumen extending through at least a portion of the probe, said at least one lumen terminating in at least one port that becomes positioned within the eye during operation of the device.

124. (New) A device according to Claim 121 comprising an irrigation lumen that terminates in an irrigation port and an aspiration lumen that terminates in an aspiration port.

125. (New) A system comprising a device according to claim 118 in combination with a power source for delivering power to said bipolar electrode.

126. (New) A system according to claim 125 wherein the bipolar electrode is useable to substantially ablate at least a portion of the trabecular meshwork.

127. (New) A device according to claim 118 wherein the probe comprises a handle configured to be grasped by the human hand.

128. (New) A device according to claim 127 further comprising at least one switch on said handle for at least actuating and deactuating the bipolar electrode.

129. (New) A system comprising a device according to claim 118 further comprising a foot pedal in communication with said device, said foot pedal being usable for at least actuating and deactuating the bipolar electrode.

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130. (New) A device according to claim 118 wherein the protector has a tip that is configured to penetrate trabecular meshwork, thereby facilitating advancement of the protector into Schlemm's canal.